

# HeBoCoat® EL-W 250

Expert Line - Water + BN-10

**HeBoCoat® EL-W 250** is a highly concentrated water-based Boron Nitride coating for use in the aluminium casting industry and in the finishing of fibreglass.

- Advantages**
- ▶ Good surface protection
  - ▶ Excellent lubricant and release properties
  - ▶ Reduces component wear
  - ▶ Increases service life of refractory materials and tools
  - ▶ Easy to process
  - ▶ Economical in use
- Properties**
- ▶ Prevents melt adhesion to equipment, components and tools
  - ▶ Refractory binder provides good surface adhesion
  - ▶ Low abrasion
  - ▶ Temperature resistant up to 900 °C in air
- Typical Areas of Application**
- ▶ Continuous casting applications – coating of launders, runners, tundishes, skim dams, hot top rings and tools
  - ▶ High pressure and low pressure die-casting applications - coating of ladles and runners
  - ▶ Coating of fibreglass materials and components
- Recommendations for Processing**
- ▶ Applied by painting or spraying
  - ▶ Shake well before use
  - ▶ When applied by spraying further dilution with water is advised to suit the spray gun characteristics
  - ▶ Apply on clean, dust and oil free surfaces
  - ▶ Thin coatings achieve better adhesion
  - ▶ No temperature curing is required prior to use
  - ▶ Re-coat as and when required
  - ▶ Ensure the **HeBoCoat® EL-W 250** coating has fully dried prior to bringing it into use
  - ▶ Easy cleaning of brushes and tools used to apply coating with water
- Technical Data**
- ▶ Colour: White
  - ▶ Solid content: 37 %
  - ▶ Boron Nitride: 25 %
  - ▶ Binder: Aluminium Oxide
  - ▶ Density: 1.20 - 1.24 g/cm<sup>3</sup>
  - ▶ pH-value: 4.5 - 5.5
  - ▶ Coverage: 15 - 25 m<sup>2</sup>/kg with a dilution rate of 1/3
- Packing Units**
- ▶ 10 kg in PE-containers
- Different packing units available on request.
- Storage and Safety**
- Store in dry conditions, avoid frost. Minimum shelf life 12 months if stored in original packaging and appropriate conditions. For further information please refer to the current safety data sheet.



The data quoted in this leaflet are typical for the material. They are intended as a guide only and should not be used in preparing detailed specifications. Actual product data may deviate from the figures given. We reserve the right to alter product data within the scope of technical progress and new developments. Since processing involves factors that are beyond our control, recommendations made in this leaflet should be checked by preliminary trials, especially for third party applications. These recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, from clarifying the situation.